

U.S. DEPARTMENT OF ENERGY

**Public Meeting Agenda**  
**Physical Characterization of Smart and Grid-Connected**  
**Commercial and Residential Buildings End-Use Equipment and Appliances**

**April 30, 2014**

**Research Support Facility, South Table Mountain Campus of the Department of  
Energy's National Renewable Energy Laboratory (San Juan Conference Room)**

**Purpose and Objectives**

To solicit comment and data from the public on issues related to the physical characterization of smart and grid- connected commercial and residential buildings end-use equipment and appliances.

- Discuss issues concerning (but not limited to)
  - Processes and metrics for measurement
  - Identification of grid and building services that can be provided
  - Identification of values and benefits of grid connectivity
- Gather input on topics related to grid-connected equipment through engagement with stakeholder groups and identification of relevant published work and studies

Time	Topic	Presenter / Facilitator
8:30	Welcome, Introduction, Ground rules	Facilitator
8:45	DOE Vision and Objectives <ul style="list-style-type: none"><li>• Public Comment</li></ul>	Joe Hagerman, DOE/BTO
9:15	Terminology and Definitions <ul style="list-style-type: none"><li>• Public Comment</li></ul>	Scott Whalen, PNNL
9:45	End-User and Grid Services <ul style="list-style-type: none"><li>• Public Comment</li></ul>	Facilitator
10:15	Break	
10:30	Physical Characterization Framework <ul style="list-style-type: none"><li>• Public Comment</li></ul>	Rob Pratt, PNNL Ben Kroposki, NREL
11:30	Value, Benefits & Metrics <ul style="list-style-type: none"><li>• Public Comment</li></ul>	Sriram Somasundaram, PNNL
12:00	Lunch	
1:00	Additional Public Comment Period <ul style="list-style-type: none"><li>• Open comment on pre-lunch topics</li><li>• Key stakeholders that DOE should engage</li><li>• Reports/analyses/case studies that DOE should review and consider</li><li>• Other topics that DOE should consider related to smart and grid-connected appliances and equipment</li></ul>	Facilitator
3:00	Wrap up and next steps	Joe Hagerman, DOE/BTO
3:30	Adjourn	
3:30	Optional Tour of the Energy Systems Integration Facility	NREL